II. *Obſervations of the Eclipſe of the Moon*, Octob. 10*th*. 1725. *made at* Briſtol, *by* John Burroughs *Eſq*; *communicated in a Letter to Mr.* Cheſelden, Surgeon *to St.* Thomas's *Hoſpital*, *F. R. S.*

THE cloudy Weather here prevented us from ſeeing the Beginning of the Eclipſe, or of total Darkneſs; but I obſerved, pretty exactly, the firſt Appearance of Light, after the total Darkneſs, and the End of the Eclipſe; and their reſpective Times are as follows, *viz.*

	h	′	″	
Beginning of Light	7	31	20	} apparent Time.
End of the Eclipſe	8	29	30	

Some ſmall Time before the renewal of true Light, there appeared a remarkable Brightneſs upon the Eaſtern Limb of the Moon, which I am not certain how to account for; at firſt I reaſoned with my ſelf in this Manner; That all the Light which the Moon has, during her total Immerſion in the Shadow, is by Rays from the Sun, refracted through the Earth's Atmoſphere, and conſequently thoſe Rays muſt be in greater Plenty, near the Edge of the Shadow, than near the Axis. But this does not fully anſwer the Phænomenon, becauſe the Light I ſpeak of, was not only upon the Moon itſelf, (on whoſe Eaſtern Limb there was a manifeſt increaſe of Light, as ſhe approached the Edge of the Shadow) but it was alſo diffuſed about the Edge of the Moon, to a ſenſible

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Diſtance, which I would certainly have meaſured, if I had had proper inſtruments. And if others, who are more skilled in theſe Affairs, have made the like Obſervation, I ſhall no longer doubt of the Moon's having an Atmoſphere.

Briſtol, Feb. 19. 1725.

III. *Sceletωn duorum Humanorum petrefactorum pars. Ex Epiſtola* Joh. Jac. Scheuczer, *M. D. R. S. S. ad Dom.* Hans Sloane, *Baronettum, S. R. V. Pr.*

NOSTI, Vir Expertiſſime, ex hominum diluvio ſubmerſonum genere paucas ſuperſtites eſſe reliquias. Neque ego hactenus in numeroſa ſatis collectione plures habui quam binas dorſi vertebras, atronitentis ſplendoris, petrefactas. Nunc autem, ἀγαθῇ τύχῃ Muſeolo meo illatum, lapidi fiſſili *Oeningenſi* immerſum λείψανον, omni attentione digniſſimum, in quo diſtincte cernere licet, non vagæ imaginationis ſimulacra, ſed capitis humani à quovis alio animantium genere diſtinctivi partes benè multas, reapſe reſiduas, cranii ambitum, os frontis, oſſa ſincipitis, occipitis, orbitam oculi, baſeos cerebri & medullæ oblongatæ λείψανα, prominentiam interiorem oſſis occipitalis, quæ cerebelli lobos ſeparat, colli vertebras numero 7, partim denudatas, partim lapideo cortice tectas, & eſt hæc veluti orthographica ſectio poſterioris capitis partis.

Sed